

ABSTRACT OF THE DISCLOSURE

An *Arabidopsis thaliana* double mutant ssl2 slr having a mutation in at least one base of the SSL2 genomic gene shown in SEQ ID NO: 3, obtained by:

5     treating an *Arabidopsis thaliana* slr dominant mutant (FERM BP-8385), which has no lateral roots, with a mutagen; preparing plants of the next generation of the mutagen-treated slr dominant mutant; and selecting a plant that basically preserves phenotypes of the slr

10    dominant mutant but has lateral roots from the plants of the next generation.